

CD141 (PN0624) Nb-FC recombinant antibody

CatalogNo: YA0168 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA,FC

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Purification Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Clone Number PN0624

Immunogen Information

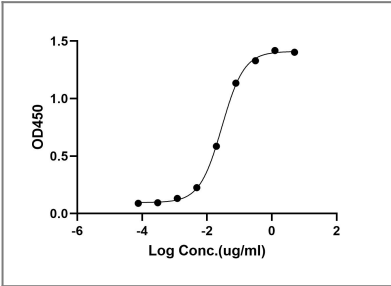
Immunogen Purified recombinant Human CD141

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD141 protein.

Target Information

Gene name	THBD THRM		
Protein Name	Thrombomodulin (TM) (Fetomodulin) (CD antigen CD141)		
	Organism	Gene ID	UniProt ID
	Human	914;	P07204;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Expressed in natural killer cells (at protein level).		
Function	Disease:Defects in THBD are the cause of thrombophilia due to thrombomodulin defect (THR-THBDD) [MIM:188040]. THR-THBDD is a hemostatic disorder characterized by a tendency to thrombosis.,Thrombomodulin is a specific endothelial cell receptor that forms a 1:1 stoichiometric complex with thrombin. This complex is responsible for the conversion of protein C to the activated protein C (protein Ca). Once evolved, protein Ca scissions the activated cofactors of the coagulation mechanism, factor Va and factor VIIIa, and thereby reduces the amount of thrombin generated.,online information:Thrombomodulin,online information:Thrombomodulin entry,PTM:N-glycosylated.,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 6 EGF-like domains.,tissue specificity:Endothelial cells are unique in synthesizing thrombomodulin.,		

Validation Data



Contact information


Orders:
 order@immunoway.com

Support:
 tech@immunoway.com

Telephone:
 877-594-3616 (Toll Free), 408-747-0185

Website:
 http://www.immunoway.com

Address:
 2200 Ringwood Ave San Jose, CA 95131 USA



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